

Patent Abstracts of Japan

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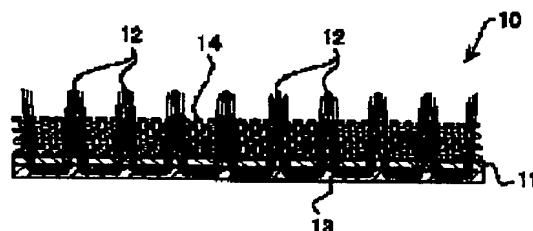
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TITLE : ARTIFICIAL LAWN YARN AND
ARTIFICIAL LAWN



ABSTRACT : PROBLEM TO BE SOLVED: To obtain an artificial lawn yarn which has excellent elasticity, buckling fatigue resistance, recovery, setting resistance and durability and is suitable for artificial lawn, etc. by using a resin material comprising a thermoplastic polymer and a rubber in prescribed amounts, respectively.

SOLUTION: This artificial lawn yarn 12 is planted in a sheet-like substrate 11 to form an artificial lawn 10. Therein, a raw material for the artificial lawn yarn 12 comprises 100 pts.wt. of a thermoplastic polymer such as an olefinic resin and 1 to 300 pts.wt. of a rubber. The thermoplastic polymer preferably partially or wholly comprises a nylon, and the rubber preferably comprises a dienic rubber. The rubber is preferably vulcanized by a dynamic vulcanization method and finely dispersed in the thermoplastic polymer. A multiplicity of the artificial lawn yarn 12 are preferably planted in the sheet-like substrate 11 to produce the artificial lawn 10.

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